

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Seiichi Takeuchi et al. : Art Unit:  
Serial No.: To be assigned : Examiner:  
Filed: Herewith :  
FOR: DIGITAL TRANSMITTER- :  
RECEIVER :

## PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Prior to formal examination of the above-identified application, please amend the application as follows:

IN THE CLAIMS:

Please replace claim 8 with the following amended claim:

8. (As Amended) The digital transmitter-receiver according to claim 1,  
wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

9. (Newly Added) The digital transmitter-receiver according to claim 2,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

10. (Newly Added) The digital transmitter-receiver according to claim 3,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

11. (Newly Added) The digital transmitter-receiver according to claim 4,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

12. (Newly Added) The digital transmitter-receiver according to claim 5,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

13. (Newly Added) The digital transmitter-receiver according to claim 6,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

14. (Newly Added) The digital transmitter-receiver according to claim 7,

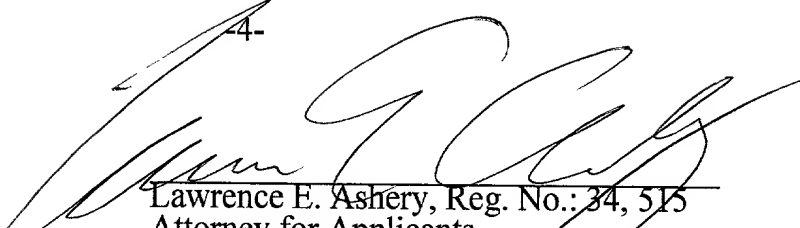
wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

Respectfully Submitted,

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with markings

Enclosure: Version with markings

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Kathleen Libby

Variable	Mean	SD	Min	Max
Age	34.5	10.5	18	65
Gender	0.5	0.5	0	1
Marital status	0.5	0.5	0	1
Education	12.5	1.5	9	16
Income	1.5	0.5	1	2
Occupation	1.5	0.5	1	2
Health status	1.5	0.5	1	2
Life satisfaction	1.5	0.5	1	2
Stress	1.5	0.5	1	2
Depression	1.5	0.5	1	2
Anxiety	1.5	0.5	1	2
Loneliness	1.5	0.5	1	2
Self-esteem	1.5	0.5	1	2
Resilience	1.5	0.5	1	2
Optimism	1.5	0.5	1	2
Gratitude	1.5	0.5	1	2
Forgiveness	1.5	0.5	1	2
Compassion	1.5	0.5	1	2
Kindness	1.5	0.5	1	2
Generosity	1.5	0.5	1	2
Humility	1.5	0.5	1	2
Patience	1.5	0.5	1	2
Perseverance	1.5	0.5	1	2
Discipline	1.5	0.5	1	2
Self-control	1.5	0.5	1	2
Emotional stability	1.5	0.5	1	2
Psychological well-being	1.5	0.5	1	2
Life purpose	1.5	0.5	1	2
Meaning in life	1.5	0.5	1	2
Existential well-being	1.5	0.5	1	2
Transcendental well-being	1.5	0.5	1	2
Overall well-being	1.5	0.5	1	2

## VERSION WITH MARKINGS TO SHOW CHANGES MADE

1           8.     (As Amended) The digital transmitter-receiver according to ~~one of~~  
2     claim 1 ~~through claim 7~~,

3                 wherein the digital data is a first MPEG transport stream,

4                 wherein said transcoder separates a video elementary stream and an  
5     audio elementary stream from the MPEG transport stream, reduces data rate of the  
6     video elementary stream by at least one of thinning of a picture from the video  
7     elementary stream and thinning of a high frequency component of a discrete-  
8     cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream  
9     by multiplexing the video elementary stream after the rate reduction and the audio  
10    elementary stream .

Claims 9-14 have been added.

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